

H. Endou, et al.
USSN: 09/786,389
Page 2

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (Original) Protein which is a cell surface protein having an ability of mediating the transport of amino acid into cell and having an ability of mediating the incorporation of at least one amino acid selected from a group consisting of leucine (Leu), isoleucine (Ile), phenylalanine (Phe), methionine (Met), tyrosine (Tyr), tryptophan (Trp), valine (Val) and histidine (His) into the cell in an Na⁺-independent manner.
2. (Original) The protein according to claim 1, wherein, when it coexists with a 4F2hc protein classified under a type II membrane glycoprotein or a part thereof, it has an ability of transportation of neutral amino acid and substances similar thereto.
3. (Previously Presented) The protein according to claim 2, wherein the 4F2hc protein classified under a type II membrane glycoprotein is a protein having an amino acid sequence mentioned in SEQ ID NO:6 or SEQ ID NO:8 or an amino acid sequence where a part of amino acids thereof is deleted, substituted or added.
4. (Original) The protein according to any of claims 1 to 3, wherein it is a protein derived from human being or rat.
5. (Previously Presented) The protein according to any of claims 1 to 3, wherein it has an amino acid sequence of any of the following (1) and (2).
 - (1): an amino acid sequence mentioned in SEQ ID NO: 2 or NO:4
 - (2): an amino acid sequence mentioned in SEQ ID NO:2 or SEQ ID NO:4 where one or more amino acid(s) is/are deleted, substituted or added.

H. Endou, et al.
USSN: 09/786,389
Page 3

6. (Previously Presented) A polypeptide containing a partial amino acid sequence in the amino acid sequence mentioned in SEQ ID NO:2 or SEQ ID NO:4 and having an antigenicity.

7-59. (Cancelled).